Patent Application
Docket No. TI-31020

## ABSTRACT OF THE DISCLOSURE

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An analog signal (V<sub>IN</sub>) is converted into a digital signal (24) by sampling the analog signal at a plurality of points in time to produce a sampled signal (32) which represents the analog signal. A filtering operation is advantageously incorporated into the sampling operation (102). The filtering operation filters the analog signal such that the sampled signal represents a filtered version of the analog signal. The digital signal is produced from the sampled signal.